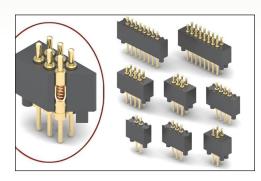
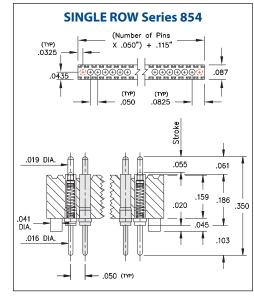
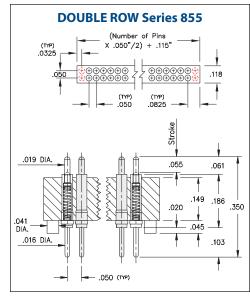
SPRING-LOADED CONNECTORS

SERIES 854 & 855 • .050" GRID THROUGH-HOLE MOUNT • SINGLE AND DOUBLE ROW STRIPS

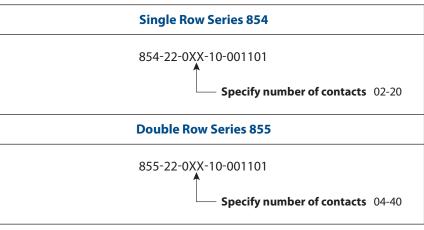






- Modular contacts for use on .050" grid, supplied in single and double row contact strips
- Precision-machined piston / base and gold-plated components assure up to 100,000 cycle life durability
- Pistons have a .0275" mid. stroke and a .055" max. stroke
- · Low resistance, high current contacts are rated at 2 amps continuous, 3 amps peak
- High temperature thermoplastic insulators are suitable for wave and reflow processes
- Both 854 & 855 series contact strips are designed for manual placement into Ø .023±.003" plated through-holes in the circuit board prior to hand, wave or reflow soldering

ORDERING INFORMATION



Technical Specifications

Materials:

- Contact piston & base: Machined copper alloy plated $20\mu''$ gold over $100\mu''$ nickel
 - Spring: Beryllium copper-plated 10µ" gold
 - Insulator: High temperature thermoplastic, rated UL94 V-0

Mechanical:

Spring force @ initial height: 25 grams Spring force @ mid stroke (.0275"): 60 grams Durability: Up to 100,000 cycles

Electrical:

Voltage rating: 100Vrms/150Vdc Current rating: 2A (continous), 3A (peak) per contact Contact resistance: $20m\Omega$ max. Insulation resistance: $10,000M\Omega$ min. Dielectric strength: 700Vrms min. Capacitance: 1pF max.



